Special Issue

Photoactive Nanomaterials for Sensitive and Selective Determination of Trace Analyzes

Message from the Guest Editor

Sensitive and selective determination of various analyzes using photoactive nanomaterials will be covered in this special issue. In recent years, several types of photoactive nanomaterials have been developed and applied to ultrasensitive determination of trace amount of analytes. In general, these nanomaterials are used as a signaling reagent or a sample carrier. Compared to traditional signaling reagents, the photoactive nanomaterials provide excellent signaling characteristics and high photostability for a wide variety of analyses. In this special issue different photoactive nanomaterials and their applications in ultrasensitive determination will be described. These include: quantum dots. PEBBLEs. polymer fluorescent nanoparticles, silica fluorescent nanoparticles, gold nanoparticles and silver nanoparticles etc.

Guest Editor

Prof. Dr. Julia Xiaojun Zhao Department of Chemistry, University of North Dakota, Grand Forks, ND 58202, USA

Deadline for manuscript submissions

closed (30 June 2008)



Sensors

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Message from the Editor-in-Chief

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Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

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